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## Application Number

**Filing Date**

**First Named Inventor**

**Andrei S. Dukhin**

### Group Art Unit

**Examiner Name**

Sheet

of

**Attorney Docket Number**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number		
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		First Named Inventor	Andrei S. Dukhin	
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**OTHER PRIOR ART -- NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
KO		H.A. Stone, S. Kim "Microfluidics: Basis Issues, Applications and Challenges", AIChE Journal, vol. 47, 6, pp.1250-1254, 2001;
KO		D.R. Reyes, D. Iossifidis, P.A. Auroux, A. Manz "Micro Total Analysis Systems. Introduction, Theory and Technology", Anal. Chem, 74, 2623-2636, 2002;
KO		G.W. Whitesides, A.D. Stroock, "Flexible Methods for Microfluidics", Physics Today, 42-48, June 2001.
KO		A. Ajdari "Pumping liquids using asymmetric electrode arrays", Physical Review E, vol.61, 1, pp. 45-48, 2000,
KO		A.B.D. Brown, C.G. Smith, and A.R. Rennie "Pumping of water with ac electric fields applied to asymmetric pairs of microelectrodes", Physical Review E, vol.63, 016305, 2000.
KO		S.S. Dukhin, A.K. Vidybida, A.S. Dukhin and A.A. Serikov "Aperiodic Electrophoresis. Directed drift of dispersed particles in a uniform anharmonic alternating electric field", Kolloidnyi Zh., vo.49, 5, 752-755, 1988
		S.S. Dukhin, B.V. Derjaguin, "Electrokinetic Phenomena" in "Surface and Colloid Science", E. Matijevic (Ed.), John Wiley & Sons, NY, v.7 (1974))
		J. Lyklema, "Fundamentals of Interface and Colloid Science", vol. 1-3, Academic Press, London-NY, (1995-2000)
KO		A.S. Dukhin "Biospecific mechanism of double layer formation and peculiarities of cell electrophoresis", Colloids and Surfaces A, 73, pp.29-48, 1993.
		S.S. Dukhin, V.N. Shilov "Dielectric phenomena and the double layer in dispersed systems and polyelectrolytes", John Wiley and Sons, NY, (1974)):

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